





PRODUCTS

	MODEL	PRODUCT CODE	SIZE
	MAKSIJOR	2315	1/2"
	MINIJOR	1310	3/8" (1/4" SHUT-OFF VALVE)
		1315	1/2" (1/4" SHUT-OFF VALVE)
		4308	1/4"
		4315	1/2"
		5315	1/2" (1/2" SHUT-OFF VALVE)
	MINIJOR (SIDE CONNECTION)	6315	1/2"

INTRODUCTION

Automatic air venting valves are designed to automatically evacuate air, formed in water-operated closed circuit systems and to prevent damage caused by air accumulation.

The damages of air accumulation in closed circuit systems:

- Air, formed in the installation makes circulation difficult and reduces the efficiency of the system.
- Surfaces that do not come into contact with water due to air accumulation will deform more quickly.
- It causes cavitation in circulation pumps.
- System works noisily.

For proper operation of the automatic air venting valves, it must be installed at the top of the system and in the **vertical** position.

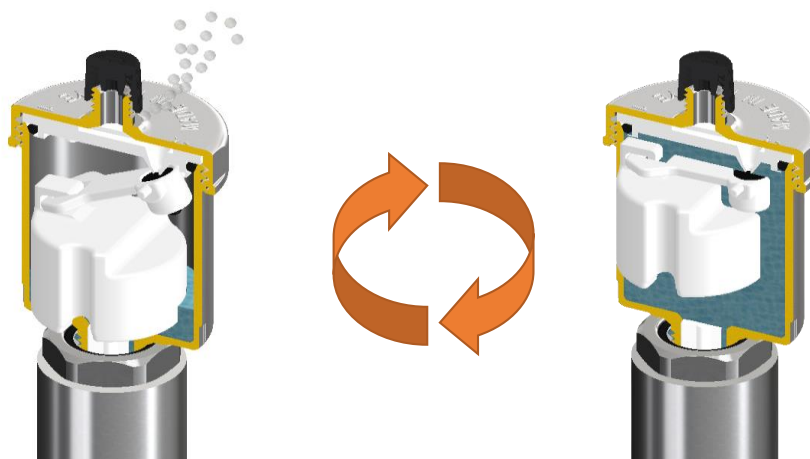
Areas of Usage: Heating systems, boiler systems and other closed circuit systems

OPERATING PRINCIPLE

The air that forms in closed circuit systems always moves to the top of the system. For this reason, the air formed in the system reaches the automatic air venting valve, which is installed at the top of the system. The air reaching the device is discharged through the air ducts from here. As the amount of air in the installation decreases, the water level in the device increases. The rising water level begins to lift the floats in the product. As the water level rises, the pin that the weight of the float pulls down also moves upwards and closes the gasket at the discharge mouth. So, the air evacuation is finished. As the formation of air in the system occurs, the working cycle continues in this way.

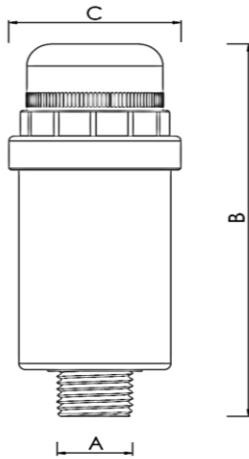


Operating Principle Video: <https://www.youtube.com/watch?v=iHGydBfLH5E&t=2s>

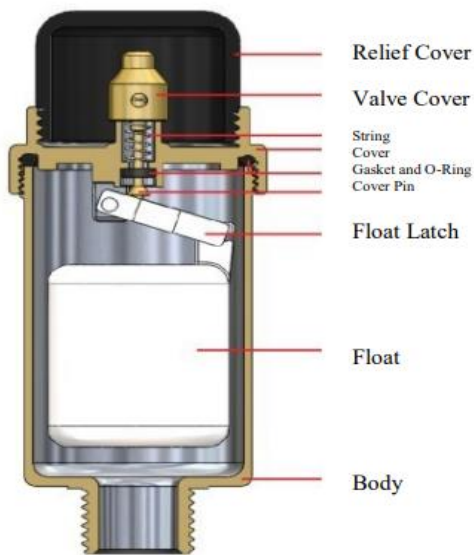


TECHNICAL SPECIFICATIONS

MAKSIJOR



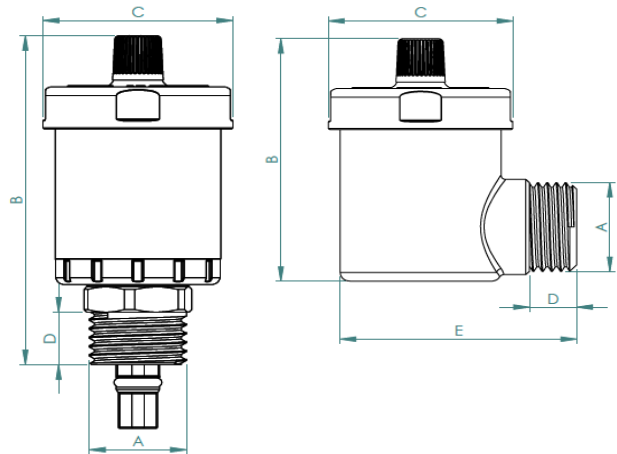
Product code	A	B	C
2315	1/2"	115	48



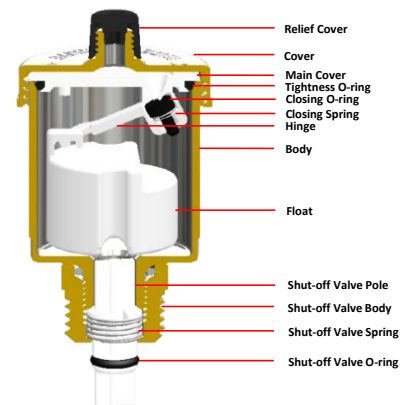
Relief Cover	: ABS
Valve Cover	: BRASS CW 614N EN 12164
Spring	: INOX
Cover	: BRASS CW 617N EN 12165
Screw and O-ring	: EPDM, NBR
Valve Pin	: BRASS CW 614N EN 12164
Float Latch	: PA6 GFR30
Float	: PP
Body	: BRASS CW 617N EN 12165

PERFORMANCE	
Max. Operating Pressure	: 10 bar
Max. Temperature	: 110 °C

MINIJOR



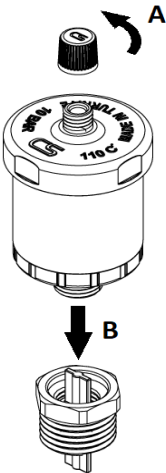
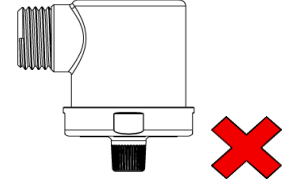
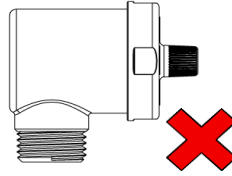
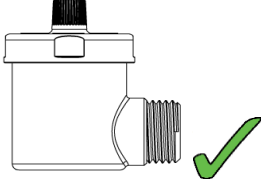
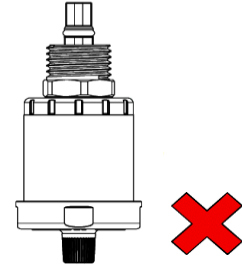
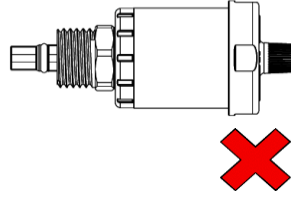
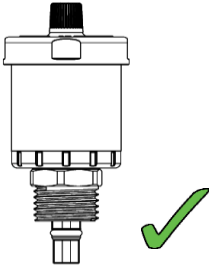
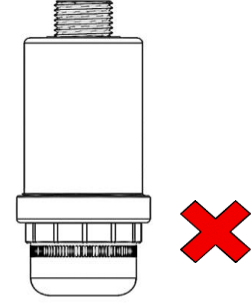
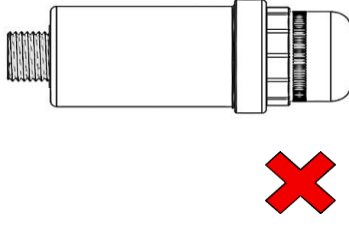
Product code	A	B	C	D	E
1310	DN10	74	Ø39	10	-
1315	DN15	74	Ø39	12	-
4308	DN8	67,5	Ø39	10	-
4315	DN15	68	Ø39	10	-
5315	DN15	71	Ø39	8	-
6315	DN15	45	Ø39	10	50



Cover	: BRASS CW 617N
Relief Cover	: PA6
Main Cover	: POM
Closing O-ring	: EPDM
Closing Spring	: INOX
Hinge	: POM
Float	: PP
Body	: BRASS CW 617N
O-rings	: NBR
Shut-off Valve Body	: BRASS CW 614N
Shut-off Valve Spring	: INOX
Shut-off Valve Pole	: POM

PERFORMANCE	
Max. Operating Pressure	: 10 bar
Max. Temperature	: 110 °C

CONNECTION



A: The drain cover should be left loose at the time of using the product. Otherwise, air discharge will not occur.

B: During installation, if the product includes a shut-off valve, first the shut-off valve is attached, then the product is mounted on the shut-off valve.

* The shut-off valve allows you to easily disassemble it in any situation by preventing water from the installation when you want to dismantle the automatic air vent valve.

We reserve the right to make changes related data in this publication, at any time and without prior notice.